

SEQUENCE LISTING

<110> REILING, KEITH KINKEAD
 NEWMAN, JACK D.
 WITHERS III, SYDNOR T.
 PITERA, DOUGLAS J.
 KEASLING, JAY D.
 MARTIN, VINCENT J.J.

<120> METHODS FOR IDENTIFYING A BIOSYNTHETIC PATHWAY GENE PRODUCT

<130> BERK-032

<150> US2004/032407

<151> 2004-09-29

<150> 60/507,220

<151> 2003-09-29

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<400> 22

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<210> 23

<211> 1671

<212> DNA

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<223> synthetic amorphadiene synthase gene

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acactattac	atgccatgca	ggcacgcgat	aaaacgctgg	ggctggcaac	actgtgcatt	1140
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<210> 26

<211> 1476

<212> DNA

<213> *Escherichia coli*

<400> 26

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<211> 1509

<212> DNA

<213> Artificial Sequence

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<223> Truncated HMG-CoA reductase nucleotide sequence

<400> 27

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<211> 1332

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 28

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<210> 29

<211> 1356

<212> DNA

<213> *Saccharomyces cerevisiae*

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<213> *Saccharomyces cerevisiae*

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<220>

<223> "single operon" nucleotide sequence

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<211> 4482

<212> DNA

<213> Artificial Sequence

<220>

<223> "MEVB" operon nucleotide sequence

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<213> Escherichia coli

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<212> DNA

<213> Artificial Sequence

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<223> MBI operon

<400> 36

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